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## ABSTRACT

The present invention provides a system, method and medium for monitoring and managing the resource consumption and resource infrastructure of at least one building in real time. The present invention integrates field studies of at least one building's resource consumption and resource infrastructure with real time resource usage. The integrated information can be operated on by the analytical tools of the present invention to forecast future resource consumption and obtain resource market information. The integrated resource information can also be used to feed back into the building resource management system of at least one building to control the resource states of the at least one building. The present invention provides a graphical user interface for monitoring and managing the components of the resource consumption and resource infrastructure of at least one building. The system, method and medium of the present invention can communicate with a resource trading platform that facilitates the buying and selling of resources. The system, method and medium of the present invention can aggregate the resource consumption and resource infrastructure of multiple buildings which can then be managed through the graphical user interface of the present invention.

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